sl no	Description of work
1	Geophysical investigations of site for sinking borewell for supplying drinking waster to the habitation either through the hand pump, MWS or PWSS by vertical electrical sounding by adopting verner or schlumbergers method. Including rerconnaissance survey of geological formation. Geeophysical investigation of existing ground water the vicinity , nits quality, quantity and acceptabilkity7 of the users indicating the locations of site, recommended depth of casing pipe rerquired to seal the top unconsolidated formaation for proper depth of 1 meter in consolidating formation for proper seating of casing piupe depth of drilling required to cover dull deth of aquuifer proposed to be trapped propable yield and other information requirred including transportation of instrument and accessories to the work site, engaging technical personal and labour requirred (P-47. Item No.9.4)PRED SR 2012-13
2	Sinking of borewell of 165mm dia clear, using super fast hydralic rig of capacity 250 PSIG & above 900 CMF & above all strata including over burden up to 20m casing pipe, collars and capo with necessary cutting and threadimg including transportation of rig and swupporting vehicle, crew charges and copst of consumables etc., complete including yield testing at the final depth with a minimum working of comprressor for one hour (excluding cost of casing pipe, collers,cap) P-47. Item No.9.1)PRED SR 2012-13
	0.00 to 50.00 mtrs
3	50.00 to 100.00 mtrs
4	100.00 to 150.00 mtrs
5	150.00 to 200.00 mtrs
6	200.00 to 250.00 mtrs
7	250.00 to 300 mtrs
8	Supply of ISI mark 175mm riominal bore plain end steel casing pipe grade of steel feet410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendment electric resistance welded tube material and confirming to IS 1387/1993 and manufactured by basic open harth electric or basic oxygen process in rando length of 5 to 7 mts both ends threaded confirming to IS 4270:2001 and the other wnd with screwed pipes. All pipes shall be reasonally free from defects. the tubes sh be reasonably straight should be with ISI marking weighing 25.10 kg/mtr (inclusive of all taxes duties) price include coller-medium duty) P-III. Item No.84)
9	Providing 200mm dia PVC pipe 10kg/cm2 (SE PRED P.15 It.3.43)
10	Providing and Supplying 175 mm dia MS cap (as per PREC SR 2012-13) etc complete as per specification
11	Supply and delivery of submersible pump sets suitable for borewell of 165 mm dia with specified dyty conditions as detailed below and satisfying performance characteristics for pump and moter specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor conforming to IS 9283/1995 with ISI certification with latest amendments for the following.1.0 HP/75KW ATALANTA/SUGUNA/CRI/KIRLOSKAR /OTHER EQUIVALENT PUMPS (page no.XX.XXII / Sl.No.33 Code No.2)2015-16
12	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50 mm dia nominal bore with all fittings (Earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. (SR of PWD for 2014-15, P.87, I-13.6)
13	Supplying and drawing 3 crore flat PVC submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 to IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.)P.No.49/ It.No.29c(1) 2.5sqm of 36 strands 0.3mm dia group-A KPWD Electrical SR 2014-15
14	Erection of pump sets including alighning and balancing with all necessary erection of materials and labour including supply and erection of one pair of supporting clamps.one bporewell cap , cable clips. with bolts nuts valves guages,etc..,involved in the job (as per approved rate KUWS & DB for the year 2008-09)
15	Supply of heavy duty galvanised mild steel coller suitable for 50mm dia nominal bore galvanised mild steel
16	Supply of non return valve suitable for 50mm dia nominal bore galvanised mild steel tube
17	Supply of on load charges over switches 4 poles 415V 5hr ac supply 100-125 amps group A
18	Supply of automatic star delta starter unit push button type
19	Erection of single phase preventor ammeters/including fixing sector switch/current operated earth leakage circuit breakers voltage operated circuit breaker abobe 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos) including transportation charges from spot (P.28It.16)
20	fabricating supplying and mounting 1200x900x350 mm MS box of 18 SWG Suitable for floor/wall mounting fully weather proof with double stanted top as per drawing with provision for better haet dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe wqith gland and box should be finished with approved colour enamelled metal paint etc., complete box of 36200sqcm @ Rs0.20 SWG(BWSSB SR P-352 It.41)
21	Supplying and fixing miniature circuit breakers/solaters on existing MCB box distribution boards using necessary fixing materials and wiring complete as required 32 to 63 amps triple pole with all lead and lift, loading unloading and labour charges etc., complete as per specification (BWSSB SR P-352 It.15)
22	Supplying and running og GI copper strips of grounding connections using necessary fixing materials required 600x600x3mm GI Plate (P-378 It.9)
23	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washer etc., complete(P.32,It.3 KPWD Electrical SR 2010-11)
24	fabrication supplying and mounting MS box of 16 SWG Suitable for floor/wall mounting fully weather proof with provision for better heat dissipation provided with hinged front cover equipped with tamper proof locking arrangements with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600sqcm @ Rs0.33 SWG (P-49 It.6.40.2) (KPWD Electrical Sr 2014-15)
25	Supplying and delivery at site brand neew star/essen/suns/adarsh/GK controls best indegenous make combined energy meter-cum-control panel board unit of size 600x450x200 mm minimum mechanically strong vermin proof and water proof.the unit shall have two data cable doors suitable for operation on 3ph.50hz, 380/440 volts, AC supply with spring loaded latch locking devices with key ribs should be provided with doors, canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board suitable for operation the panel board shall be fabricated on single unit in the above components for suitable pumpsets (PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30HP star Delta Starter)
26	KSRB 13-6.3.1: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.37 (Page No.91/Item No.13.33 PWD SR 2015-16)